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(71)Applicant : DAINIPPON PRINTING CO LTD

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(54) THERMAL TRANSFER SHEET

(57)Abstract:

PURPOSE: To obtain a thermal transfer sheet enabling image formation having excellent solvent resistance and abrasion resistance and also having printing quality by using an ionomer resin as at least a part of the binder of an ink layer.

CONSTITUTION: A peel ply 2 and a transfer ink layer 3 are formed successively on one surface of a base material film 1, and a heat-resistant sliding layer 4 is formed on the rear of the film 1 as required. The thermal transfer ink layer 3 is composed of a colorant and a binder, and various additives are added as occasion demands. An ionomer resin is used singly or employed jointly with another binder preferably as the binder. A cross-linked substance by the metallic ions of the copolymer of ethylene-acrylic acid is used as the ionomer resin, and the resin is tough and has flexibility and also has excellent oil resistance.



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